	INTERNATIONAL SEARCH REPOR	₹	Tarley of Astro	Heatres #s
			T/GB2004	
A. CLASSI	PCATION OF SUBJECT MATTER F16F9/53			
	(
According to	international Patent Classification (IPC) or to both national dissertions	ion and IPC		
	SEARCHED			
IPC 7	cumentation searched (classification system lonowed by classification F16F	symbols)		
Ducumental	on searched other than mirrimum documentation to the extent that su	ch documents are inclu	shed in the fields se	Hashed
1	ata base consulted during the international search (name of rists base	and, where practical,	search lemms used	,
EPO-In	ternal, PAJ			
	ents considered to be relevant			
Essegory *	Citation of document, with inducation, where appropriate, of the retor	au barrades		Relevant to daim No.
х	PATENT ABSTRACTS OF JAPAN vol. 0090, πο. 42 (M-359), 22 February 1985 (1985-02-22)			1-3,6-24
	& JP 59 183138 A (NIHON HATSÚJIYON 18 October 1984 (1984-10-18) abstract	J KK),	,	
x	US 6 427 813 B1 (CARLSON J DAVID) 6 August 2002 (2002-08-06) flgure 1a			1,4,5
x	DE 101 43 980 A (BOSCH REXROTH AG 27 March 2003 (2003-03-27) figure 1	>		1,2,9
x	WO 01/34997 A (QIU LING) 17 May 2001 (2001-05-17) f1gures 4,5			1
Furt	her documents are listed in the continuation of box C.	X Paters lamily n	nembers are lipted i	n annex.
"Special co	मंजुणमाःत हो व्हेंच्यं वंतव्यमस्त्राते :	Y" later document pub	ished after the bulg	malional like date
CONSK	ent defining the general stelle of the auf which is not tured to be of purification relevance	er priority date and investion	I not in conflict with I the principle or th	and arbitrary to
i muð (1466	X" decument of pertical cannot be consider	rea novel or cannot	be considered to
which	and which may throw doubts on proviny claim(s) or is the doubts on proving claim(s) or is the claim the predictation date of provincy . In or other special respond (as a pocified)	Y" document of particu	lar relevance; the c	coment is taken alone delmed invertion ventive step when the
O, doerm	ent reterring to an oral disclosuco, uso, exhibition or means	Weyle' ancy coun	ined with one or mo	one other such docu- us to a person stoted
"P" docum	ent published prior to the international filing date but han the priority date claimed	In the art. A" document momber	of the same pations	family
Date of the	actual complomen of the informational search	Date of malling of t	ne international sea	urch report
] ;	December 2004	09/12/2	004	
Name and	mailing address of the ISA European Patent Office, P.B. 5018 Patentiasn 2	Authorized officer		
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A. . ,

Patent document		Dubline"			- 1, 00	2004/003595
cited in search report	_	Publication date		Patent family member(s)		Purofication date
JP 59183138	A	18-10-1984	JP JP	1658991 3010816		21-04-199 14-02-199
US 6427813	81	06-08-2002	WO AU JP	9906731 3890197 2001512220	A	11-02-199 22-02-199 21-08-200
DE 10143980	A	27-03-2003	DE CA NO EP	10143980 2458730 03025418 1436523	Al Al	27-03-200 27-03-200 27-03-200 14-07-200
WO 0134997	A	17-05-2001	CN AU WO	1251465 1266501 0134997	A	26-04-200 06-06-200 17-05-200